

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A refrigerant cycle apparatus constituted by sequentially connecting a compressor, a gas cooler, throttling means and an evaporator, comprising:

an auxiliary cooling circuit which once releases heat from a refrigerant discharged from the compressor and then returns the refrigerant to the compressor, and a fan which ventilates the auxiliary cooling circuit and the gas cooler,

wherein the auxiliary cooling circuit has substantially the same ventilation area as that of the gas cooler.

2. (Original) The refrigerant cycle apparatus according to claim 1, wherein the gas cooler is arranged on the upstream side of the auxiliary cooling circuit with respect to ventilation by the fan.

3. (Original) The refrigerant cycle apparatus according to claim 1, wherein the compressor includes first and second compression elements, and the refrigerant compressed by the first compression element and discharged is sucked into the second compression element through the auxiliary cooling circuit, compressed and discharged to the gas cooler, and

the auxiliary cooling circuit is arranged on the upstream side of the gas cooler with respect to ventilation by the fan.

4. (Original) The refrigerant cycle apparatus according to claim 1, claim 2 or claim 3, wherein the auxiliary cooling circuit and the gas cooler are constituted of micro-tube heat exchangers.

5. (New) The refrigerant cycle apparatus according to claim 4, further comprising carbon dioxide refrigerant.

6. (New) The refrigerant cycle apparatus according to claim 3, wherein the compressor includes more than two compression elements.